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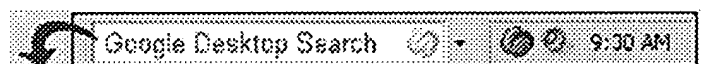Result - <u>Similar pages</u>

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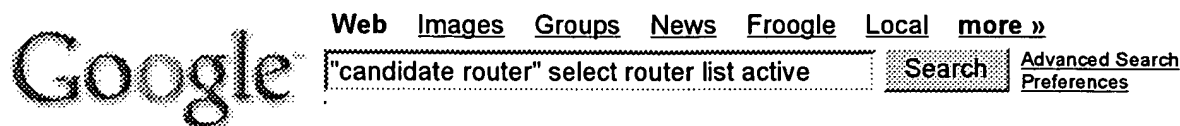www.planex.net/support/pdf/fml-1200.pdf - Supplemental Result - <u>Similar pages</u>

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we **select** the Designated Border **router** of the group to be the Manager in a ...
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Destination **router** Designated **router** of a LAN that has **active** group members. ...
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list with costs equal to the cost of the links between this **router** and the.
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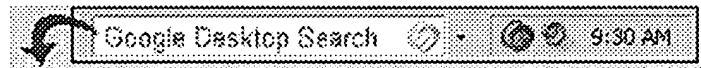
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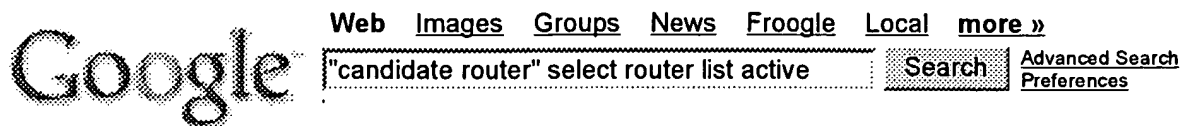
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... **select** Reset and the currently **active** settings (that is, ... You can determine
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... Page 9. 7 **List** of symbols 3GPP Third Generation Partnership Project (ETSI) ... BER Bit
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diff -Nur --exclude=RCS --exclude=CVS --exclude=SCCS --exclude ...
You must **select** this, if you want + to use CONFIG_IPV6_MOBILITY. ... + +/*

Threshold for exponential resending of **router** solicitations */ +#define ...
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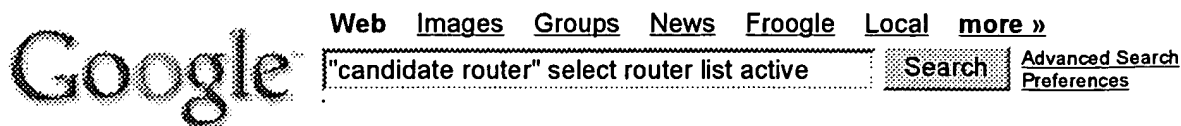
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1 QoSMIC: quality of service sensitive multicast Internet protocol   ▩
Michalis Faloutsos, Anindo Banerjea, Rajesh Pankaj
October 1998 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM SIGCOMM '98 conference on Applications, technologies, architectures, and protocols for computer communication**, Volume 28 Issue 4
Full text available: 📄 pdf(1.39 MB)   Additional Information: full citation, abstract, references, citings, index terms

> In this paper, we present, QoSMIC, a multicast protocol for the Internet that supports QoS-sensitive routing, and minimizes the importance of *a priori configuration* decisions (such as *core* selection). The protocol is resource-efficient, robust, flexible, and scalable. In addition, our protocol is provably loop-free.Our protocol starts with a resources-saving tree (Shared Tree) and individual receivers switch to a QoS-competitive tree (Source-Based Tree) when necessary. In both tree ...

2 QoS-aware multicast routing for the internet: the design and evaluation of QoSMIC   ▩
Shuqian Yan, Michalis Faloutsos, Anindo Banerjea
February 2002 **IEEE/ACM Transactions on Networking (TON)**, Volume 10 Issue 1
Full text available: 📄 pdf(208.12 KB)   Additional Information: full citation, abstract, references, citings, index terms

> One of the main problems of the current Internet infrastructure is its inability to provide services at consistent quality-of-service (QoS) levels. At the same time, many emerging Internet applications, such as teleeducation, and teleconferencing, require multicast protocols that will provide the necessary QoS. In this paper, we propose QoSMIC, a multicast routing protocol for the Internet, that provides QoS-sensitive paths in a scalable, resource-efficient, and flexible way. QoSMIC differs from ...

> **Keywords**: Multicast routing, protocol evaluation, quality of service

3 Controllled flexibility in system design   ▨
A. Brady Montz, Larry Peterson
September 1998 **Proceedings of the 8th ACM SIGOPS European workshop on Support for composing distributed applications**
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Daniel G. Waddington, Fangzhe Chang, Ramesh Viswanathan, Bin Yao
July 2003 **ACM SIGCOMM Computer Communication Review**, Volume 33 Issue 3

Full text available: 📄 pdf(182.34 KB)   Additional Information: full citation, abstract, references, index terms

> In just three decades the Internet has grown from a small experimental research network into a complex network of routers, switches, and hosts. Understanding the topology of such large scale networks is essential to the procurement of good architectural design decisions, particularly with respect to address allocation and distribution schemes.A number of techniques for IPv4 network topology already exist. Of these ICMP-based probing has shown to be most useful in determining router-level topolog ...

> **Keywords**: IPv6, IPv6 network topology discovery, network measurement, network probing, topology inference

2 Balancing performance and flexibility with hardware support for network architectures
Ilija Hadžić, Jonathan M. Smith
November 2003 **ACM Transactions on Computer Systems (TOCS)**, Volume 21 Issue 4

Full text available: 📄 pdf(719.03 KB)   Additional Information: full citation, abstract, references, index terms

> The goals of performance and flexibility are often at odds in the design of network systems. The tension is common enough to justify an architectural solution, rather than a set of context-specific solutions. The Programmable Protocol Processing Pipeline (P4) design uses programmable hardware to selectively accelerate protocol processing functions. A set of field-programmable gate arrays (FPGAs) and an associated library of network processing modules implemented in hardware are augmented with so ...

> **Keywords**: FPGA, P4, computer networking, flexibility, hardware, performance, programmable logic devices, programmable networks, protocol processing

3 Scaling video conferencing through spatial tiling
Ladan Gharai, Colin Perkins, Allison Mankin
January 2001 **Proceedings of the 11th international workshop on Network and operating systems support for digital audio and video**

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We describe an approach to scaling video conferencing, with the use of active agents. Such agents tileNvideo frames into one, by modification of their respective meta-data and adjustment of their video frame rate if necessary. The spatial tiling agents are located within a network, and participants in the session unicast video to the "closest" agent. The agent then multicast the tiled video to the group of all participants. Results show that spatial tiling incr ...

4 AMTree: an active approach to multicasting in mobile networks

Kwan-Wu Chin, Mohan Kumar
August 2001 **Mobile Networks and Applications**, Volume 6 Issue 4

Full text available: pdf(250.85 KB)   Additional Information: full citation, abstract, references, index terms

Active networks (ANs) are a new paradigm in computer networking. In ANs, programs can be injected into routers and switches to extend the functionalities of the network. This allows programmers to enhance existing protocols and enables the rapid deploymentof new protocols. Little work has been done in the area of multicast routing in heterogeneous environments. In this paper, we propose AMTree, an AN-based multicast tree that is bidirectional, optimizable on demand and adaptive to source mi ...

Keywords: active networks, mobile/wireless networks, multicast

5 Towards efficient resource on-demand in Grid Computing

Kun Yang, Xin Guo, Alex Galis, Bo Yang, Dayou Liu
April 2003 **ACM SIGOPS Operating Systems Review**, Volume 37 Issue 2

Full text available: pdf(577.16 KB)   Additional Information: full citation, abstract, references

The essence of Grid Computing is to provide efficient Resource on Demand (RoD). This paper addresses this challenge from the perspective of network, the living platform of Grid, by providing effective Quality of Service (QoS) mechanisms (both IntServ and DiffServ) inside the Grid networking environment. Specifically, the efficiency of this QoS mechanism is maximized by policy-based management taking care of the flexible control of QoS parameters/components and active networks technology looking ...

Keywords: Active Networks (AN), Grid Computing, Policy-based Management (PBM), Quality of Service (QoS), Resource on Demand (ROD), efficiency

6 Achieving bounded fairness for multicast and TCP traffic in the Internet

Huayan Amy Wang, Mischa Schwartz
October 1998 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM SIGCOMM '98 conference on Applications, technologies, architectures, and protocols for computer communication**, Volume 28 Issue 4

Full text available: pdf(1.85 MB)   Additional Information: full citation, abstract, references, citings, index terms

There is an urgent need for effective multicast congestion control algorithms which enable reasonably fair share of network resources between multicast and unicast TCP traffic under the current Internet infrastructure. In this paper, we propose a quantitative definition of a type of bounded fairness between multicast and unicast best-effort traffic, termed "essentially fair". We also propose a window-based Random Listening Algorithm (RLA) for multicast congestion control. The algorithm is proven ...

Keywords: Internet, RED and drop-tail gateways, flow and congestion control, multicast, phase effect

7 Adaptive nonlinear congestion controller for a differentiated-services framework

Andreas Pitsillides, Petros Ioannou, Marios Lestas, Loukas Rossides

February 2005 **IEEE/ACM Transactions on Networking (TON)**, Volume 13 Issue 1

Full text available: pdf(786.84 KB)   Additional Information: full citation, abstract, references, index terms

The growing demand of computer usage requires efficient ways of managing network traffic in order to avoid or at least limit the level of congestion in cases where increases in bandwidth are not desirable or possible. In this paper we developed and analyzed a generic Integrated Dynamic Congestion Control (IDCC) scheme for controlling traffic using information on the status of each queue in the network. The IDCC scheme is designed using nonlinear control theory based on a nonlinear model of the n ...

Keywords: ATM, congestion control, differentiated-services framework, internet, nonlinear adaptive control theory

8 Light-weight multicast services (LMS): a router-assisted scheme for reliable multicast

Christos Papadopoulos, Guru Parulkar, George Varghese

June 2004 **IEEE/ACM Transactions on Networking (TON)**, Volume 12 Issue 3

Full text available: pdf(573.29 KB)   Additional Information: full citation, abstract, references, citings, index terms

Building on the success of unicast IP, IP Multicast adopted a simple, open, best-effort delivery model with many-to-many semantics. Despite several years of effort, a general, scalable and reliable end-to-end transport protocol analogous to TCP has proven elusive. Proposed solutions are either inflexible, or incur high control overhead.We present Lightweight Multicast Services (LMS), which enhance the IP Multicast model with simple forwarding services to facilitate scalable and efficient (compar ...

Keywords: error control, multicast, reliable multicast

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1 Developments in simulation and instrumentation: Topology discovery for public IPv6 networks
Daniel G. Waddington, Fangzhe Chang, Ramesh Viswanathan, Bin Yao
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Ilija Hadžić, Jonathan M. Smith
November 2003 **ACM Transactions on Computer Systems (TOCS)**, Volume 21 Issue 4

Full text available: pdf(719.03 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

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Keywords: FPGA, P4, computer networking, flexibility, hardware, performance, programmable logic devices, programmable networks, protocol processing

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Kwan-Wu Chin, Mohan Kumar
August 2001 **Mobile Networks and Applications**, Volume 6 Issue 4

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Keywords: active networks, mobile/wireless networks, multicast

5 <u>Scaling video conferencing through spatial tiling</u>
Ladan Gharai, Colin Perkins, Allison Mankin
January 2001 **Proceedings of the 11th international workshop on Network and operating systems support for digital audio and video**

Full text available: pdf(195.71 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

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6 <u>Light-weight multicast services (LMS): a router-assisted scheme for reliable multicast</u>
Christos Papadopoulos, Guru Parulkar, George Varghese
June 2004 **IEEE/ACM Transactions on Networking (TON)**, Volume 12 Issue 3

Full text available: pdf(573.29 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

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Keywords: error control, multicast, reliable multicast

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L3	7	"5473599" and (list near4 active)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/02 14:11
L4	0	"5473599" and (select$3 near4 list near4 active)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/02 14:11
L5	18	"5473599" and (list near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/02 14:11
L6	2	"5473599" and (list near4 router) and candidate	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/02 14:12
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S2	0	(multiple with (arp or (address adj resolution adj protocol))) and marp	US-PGPUB; USPAT	OR	ON	2002/12/19 14:49
S3	6	marp	US-PGPUB; USPAT	OR	ON	2002/12/19 14:49
S4	55	(multiple with (arp or (address adj resolution adj protocol)))	US-PGPUB; USPAT	OR	ON	2002/12/19 14:59
S5	0	(multiple with (arp near5 layer))	US-PGPUB; USPAT	OR	ON	2002/12/19 14:59
S6	24	arp adj3 layer	US-PGPUB; USPAT	OR	ON	2002/12/19 15:10
S7	7	(multiple with arp) and (active with router)	US-PGPUB; USPAT	OR	ON	2002/12/19 15:16
S8	4	(arp with (active with router))	US-PGPUB; USPAT	OR	ON	2002/12/19 15:21
S9	0	(multiple adj3 protocol) and (select$3 with (active near3 router))	US-PGPUB; USPAT	OR	ON	2002/12/19 15:23
S10	13	(select$3 with (active near3 router))	US-PGPUB; USPAT	OR	ON	2002/12/19 15:23
S11	3	(select$3 with (active near3 router)) and arp	US-PGPUB; USPAT	OR	ON	2002/12/19 15:30
S12	16	(arp with (multiple near5 (protocol or address)))	US-PGPUB; USPAT	OR	ON	2002/12/19 15:34

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S14	1	(arp with (multiple near5 (protocol or address))) and (select with router)	US-PGPUB; USPAT	OR	ON	2002/12/20 10:28
S15	920	resolution adj2 protocol	US-PGPUB; USPAT	OR	ON	2002/12/20 10:28
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S21	1	"6061739".PN.	USPAT	OR	OFF	2002/12/20 10:55
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S23	1	"5987524".PN.	USPAT	OR	OFF	2002/12/20 10:56
S24	1	"5987524".PN.	USPAT	OR	OFF	2002/12/20 10:57
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S33	1	"5365523".PN.	USPAT	OR	OFF	2002/12/20 11:02
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S35	1	"5420862".PN.	USPAT	OR	OFF	2002/12/20 11:02
S36	1	"5473599".PN.	USPAT	OR	OFF	2002/12/20 11:02
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S44	1	"5963540".PN.	USPAT	OR	OFF	2002/12/20 14:56

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S46	444	(load$3 same balanc$3) and ((multiple or plurality) with router)	US-PGPUB; USPAT	OR	ON	2002/12/20 15:06
S47	37	(load$3 same balanc$3) and ((multiple or plurality) with router) and select$3 and arp and layer$3	US-PGPUB; USPAT	OR	ON	2002/12/20 15:11
S48	543	(select$3) and (combin$3 with router)	US-PGPUB; USPAT	OR	ON	2002/12/20 15:11
S49	3	(select$3) and (combin$3 with router) and (arp adj3 layer$3)	US-PGPUB; USPAT	OR	ON	2002/12/20 15:12
S50	26	(select$3) and (combin$3 with router) and (arp) and layer$3	US-PGPUB; USPAT	OR	ON	2002/12/20 15:17
S51	6	((ip or network) adj3 layer) and (arp with (select$3 with router))	US-PGPUB; USPAT	OR	ON	2002/12/20 15:24
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S53	1	"6195705".PN.	USPAT	OR	OFF	2002/12/20 15:23
S54	1	"6189042".PN.	USPAT	OR	OFF	2002/12/20 15:23
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S56	23	vrrp	US-PGPUB; USPAT	OR	ON	2002/12/20 15:30
S57	4671	(router same (multi$protocol or address))	US-PGPUB; USPAT	OR	ON	2002/12/20 15:31
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S59	2110	(select$3 with (router))	US-PGPUB; USPAT	OR	ON	2002/12/20 15:55
S60	94	(select$3 with (set near3 router))	US-PGPUB; USPAT	OR	ON	2002/12/20 15:56
S61	0	(select$3 with (set near3 router)) and (arp adj2 table)	US-PGPUB; USPAT	OR	ON	2002/12/20 15:56
S62	3	(select$3 with (set near3 router)) and (arp same table)	US-PGPUB; USPAT	OR	ON	2002/12/20 16:07
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S73	1	"4760572".PN.	USPAT	OR	OFF	2002/12/20 16:04
S74	4	(select$4 with (set near3 router)) and (arp) and (hop)	US-PGPUB; USPAT	OR	ON	2002/12/20 16:09
S75	94	(select$4 with (set near3 router))	US-PGPUB; USPAT	OR	ON	2002/12/20 16:21
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S89	2344	(between with ((ip or network) near3 layer))	US-PGPUB; USPAT	OR	ON	2002/12/23 16:07
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S13 9	397	((map$4 with ((ip or network) near4 address))) and (arp or (resolution adj2 protocol))	US-PGPUB; USPAT	OR	ON	2003/09/11 16:34
S14 0	71	(((map$4 with ((ip or network) near4 address))) and (arp or (resolution adj2 protocol))) and (set near4 router)	US-PGPUB; USPAT	OR	ON	2003/09/11 16:34

S14 1	23	((((map$4 with ((ip or network) near4 address))) and (arp or (resolution adj2 protocol))) and (set near4 router)) and table and convert$3	US-PGPUB; USPAT	OR	ON	2003/09/11 16:35
S14 2	3	(("6182139") or ("6185601") or ("6016319")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 14:44
S14 3	2	(("6754220") or ("6779017")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 15:04
S14 4	3	(("6101361") or ("5854901") or ("5600644")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 14:47
S14 5	3	(("6701361") or ("5854901") or ("5600644")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 14:47
S14 6	1	"6556547".PN.	USPAT; USOCR	OR	ON	2004/12/09 14:57
S14 7	1	"6510164".PN.	USPAT; USOCR	OR	ON	2004/12/09 14:58
S14 8	1	"6397260".PN.	USPAT; USOCR	OR	ON	2004/12/09 14:58
S14 9	1	"6335926".PN.	USPAT; USOCR	OR	ON	2004/12/09 15:00
S15 0	1	"6266335".PN.	USPAT; USOCR	OR	ON	2004/12/09 15:01
S15 1	1	"6243379".PN.	USPAT; USOCR	OR	ON	2004/12/09 15:01
S15 2	1	"6243379".PN.	USPAT; USOCR	OR	ON	2004/12/09 15:01
S15 3	1	"6178455".PN.	USPAT; USOCR	OR	ON	2004/12/09 15:01
S15 4	1	"6119143".PN.	USPAT; USOCR	OR	ON	2004/12/09 15:03
S15 5	1	"6081845".PN.	USPAT; USOCR	OR	ON	2004/12/09 15:03
S15 6	1	"5923854".PN.	USPAT; USOCR	OR	ON	2004/12/09 15:04
S15 7	392	(active near3 router)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 15:04
S15 8	3	S157 and (list$3 near3 candidate)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 15:06

S15 9	1	("5774660").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 15:11
S16 0	3	(("6487605") or ("6195705") or ("5473599")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 15:47
S16 1	15	(candidate near4 router) and (active near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 15:52
S16 2	79	(list near4 router) and (active near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 15:52
S16 3	11	(list near4 router) and (active near4 router) and candidate	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 15:54
S16 4	31	(list near4 router) and (active near4 router) and potential	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/11 10:38
S16 5	2	(("6006323") or ("5890181")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/11 10:38
S16 6	16	(candidate near4 router) and (active near4 router)	US-PGPUB; USPAT	OR	ON	2005/06/13 18:35
S16 7	1	(active near4 candidate near4 router)	US-PGPUB; USPAT	OR	ON	2005/06/13 18:36
S16 8	239	((set or group) near4 router) and active and candidate	US-PGPUB; USPAT	OR	ON	2005/06/13 18:37
S16 9	54	((set or group) near4 router) and active and candidate and (list near4 router)	US-PGPUB; USPAT	OR	ON	2005/06/13 18:37
S17 0	6	((set or group) near4 router) and active and candidate and (list near4 router) and (@ad<"19990330")	US-PGPUB; USPAT	OR	ON	2005/06/13 18:39
S17 1	49	((set or group) near4 router) and active and candidate and (@ad<"19990330")	US-PGPUB; USPAT	OR	ON	2005/06/13 18:51
S17 2	3	(("6487605") or ("6195705") or ("5473599")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 18:53
S17 3	3	(("6701361") or ("5854901") or ("5600644")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 18:56
S17 4	2	(("5774660") or ("5668952")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/13 18:57

S17 5		1	("6754220").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 09:42
S17 6		1	"6556547".PN.	USPAT; USOCR	OR	ON	2005/06/13 18:58
S17 7		1	"6510164".PN.	USPAT; USOCR	OR	ON	2005/06/13 18:59
S17 8		1	"6397260".PN.	USPAT; USOCR	OR	ON	2005/06/13 18:59
S17 9		1	"6335926".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:00
S18 0		1	"6266335".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:01
S18 1		1	"6243379".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:01
S18 2		1	"6178455".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:02
S18 3		1	"6119143".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:02
S18 4		1	"6081845".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:03
S18 5		1	"6049528".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:04
S18 6		1	"5923854".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:04
S18 7		1	"5835696".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:05
S18 8		1	"5649091".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:06
S18 9		1	"5621884".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:06
S19 0		1	"5610905".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:07
S19 1		1	"5742587".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:08
S19 2		1	"5708654".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:08
S19 3		1	"5572528".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:08
S19 4		1	"5371852".PN.	USPAT; USOCR	OR	ON	2005/06/13 19:09
S19 5		1	("6637027").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 09:47

S19 6	1	("20050028206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 10:12
S19 7	2	(("6388714") or ("6637027")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 10:45
S19 8	1	("6408395").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 11:23
S19 9	1	("6324581").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/14 11:23
S20 0	0	("(arpnear4layer)").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/22 19:14
S20 1	215	(arp near4 layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 19:14
S20 2	141	(arp near4 layer) and (network near4 layer) and (ip near4 layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 19:15
S20 3	14	(arp near4 layer) and (network near4 layer) and (ip near4 layer) and (select$3 near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 19:23
S20 4	88	(arp) and (network near4 layer) and (ip near4 layer) and (select$3 near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:21
S20 5	1	("6182139").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/22 19:35
S20 6	215	(arp near4 layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 19:35
S20 7	22	(arp near4 layer) and (select$3 near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 08:42
S20 8	1	("6324581").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 10:32
S20 9	0	("layer.ti.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 10:32
S21 0	38900	layer.ti.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 10:32
S21 1	43	layer.ti. and arp and network and ip and router	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 12:07

S21 2	226	"5473599"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 12:07
S21 3	0	"5473599" and "5539815"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 12:07
S21 4	47	"5473599" and arp	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 12:10
S21 5	3	"5473599" and (multiple near4 arp)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 12:08
S21 6	45	"5473599" and arp and ip and network	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 12:10
S21 7	3	"5473599" and (arp near4 layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 12:10
S21 8	14	(arp near4 layer) and (network near4 layer) and (ip near4 layer) and (select$3 near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:29
S21 9	79	(host near4 select$3 near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:29
S22 0	22	(host near4 select$3 near4 router) and ip and arp and network	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:32
S22 1	0	(tcp near4 select$3 near4 router) and ip and arp and network	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:32
S22 2	15	(tcp near4 select$3 near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:37
S22 3	513	(balanc$3 near4 router)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:37
S22 4	62	(balanc$3 near4 router) and (ip near4 layer) and (network near4 layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:38
S22 5	14	(balanc$3 near4 router) and (ip near4 layer) and (network near4 layer) and arp	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 14:55
S22 6	11	(balanc$3 near4 switch) and (ip near4 layer) and (network near4 layer) and arp	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 15:10
S22 7	31	"6049528"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 15:10

S22 8	31	"6049528"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/23 16:18
S22 9	1	("5473599").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 16:30
S23 0	1	("5539815").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/23 16:30